



6211-2Z/VA201 high temperature deep groove ball bearings

Bearing No. 6319

6319 Bearing 2D drawings and 3D CAD models

Size	95x200x45 mm
Bore Diameter	95 mm
Outer Diameter	200 mm
Width	45 mm
d	95 mm
D	200 mm
B	45 mm
C	45 mm
r min.	3 mm
da min.	108 mm
da max	123,5 mm
Da max.	187 mm
ra max.	2,5 mm
Weight	5,76 Kg
Basic dynamic load rating (C)	153 kN
Basic static load rating (C0)	119 kN
(Grease) Lubrication Speed	3 000 r/min
(Oil) Lubrication Speed	3 600 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	5.65
Product Group	B00308
Enclosure	Open



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Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	95MM Bore; 200MM Outside Diameter; 45MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	6319
Weight / LBS	5.65
Outer Race Width	1.772 Inch 45 Millimeter
Bore	3.74 Inch 95 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
bore diameter:	95 mm
static load capacity:	119000 N
outside diameter:	200 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	45 mm
finish/coating:	Uncoated



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bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	45 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	3 mm
internal clearance:	C0
maximum rpm:	3600 RPM
operating temperature range:	Maximum of +250 ° F
series:	63
dynamic load capacity:	153000 N
SRI	17.25
hidYobi	6319
LangID	1
D_	200
SREX	0.065
B_	45
da min	108
hidTable	ecat_NSRDGB
Oil rpm	3600
SRE	17.25
mass	5.76
GRS rpm	3000
ra	2.5
SRIX	0.065
D_a	187
SRIN	-0.065
C0	119
fo	13.3
SREN	-0.065
DE_	180.838
Prod_Type3	DGBB_SR_OT



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DA_	33.338
bomp	0
Z_	8
yobi	6319
C_conv	153000
ALPHA_	0
SDM_	147.5
r	3
KBRG	6101
SBRG	3
DI_	114.162